

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA1195NW

*This certificate, issued to* Fletchair, Inc.  
7786 Braniff Street  
Houston, Texas 77061

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.* , February 1, 1965, amended by 23-1 through 23-8.

*Original Product — Type Certificate Number:* A16EA  
*Make:* Gulfstream American  
*Model:* AA-5B

*Description of Type Design Change:* Installation of Sensenich 76EM8S10-0-60 through -65 propellers on a Lycoming O-360-A4K engine in accordance with Ameromod Corporation Installation Instruction No. AM 130.

*Limitations and Conditions:* Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and Addendum No. SA1195NW, dated January 13, 1984, or later FAA Approved Revision, must be maintained as part of the permanent records for the modified aircraft. See page 3 of Continuation Sheet for limitations and conditions.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* January 8, 1981

*Date of issuance:* March 30, 1981

*Date reissued:* January 13, 1986; June 14, 1991

*Date amended:* June 14, 1991

*By direction of the Administrator*

(Signature)  
Acting Mgr., Special Certification Branch  
Seattle Aircraft Certification Office  
(Title)



*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

*This certificate may be transferred in accordance with FAR 21.47.*

United States of America  
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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA1195NW

LIMITATIONS AND CONDITIONS: (Continued)

The limitations and conditions of the original specification apply except as follows:

This addendum, which is part of Supplemental Type Certificate No. SA1195NW, prescribes the conditions and limitations under which the STC was issued and meets the airworthiness requirements of the Federal Aviation Regulation 23.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: FLETCHER, INC.

1. MODEL AA-5B 4PCLM (NORMAL/UTILITY CATEGORY) AS MODIFIED BY STC SA1195NW

Engine:	Lycoming O-360-A4K (Same as TCDS A16EA)
Fuel:	100/300 minimum grade aviation gasoline Capacity: 51 gallons useable
Engine Limits:	For all operations: 2700 rpm (180 Hp)
Propeller and Propeller Limits:	Sensenich 76EM8S10-0-60 through -65 Diameter: 76" maximum; 76" minimum Placards: None
C. G. Range:	Same as Type Certificate Data Sheet No. A16EA
Maximum Weight:	2400 pounds (Same as TCDS A16EA)
Instrument Markings:	Oil Temperature: 245°F Oil Inlet (Red Line)  Oil Pressure: 60 to 90 psi (Green Arc)  Cylinder Head Temperature (Bayonet Thermocouples) 500°F (Red Line)

NOTE 1: Current weight and balance report including a list of equipment in the certified empty weight must be in the aircraft.

NOTE 2: In addition to the placards and Markings required by Type Certificate Data Sheet A16EA, Note 2, apply the following:

In full view of the pilot on the instrument panel:

NOTICE  
AIRCRAFT MODIFIED BY SENSENICH 76EM8S10-0 SERIES PROPELLER  
IN ACCORDANCE WITH STC SA1195NW

NOTE 3: With the described propeller installation, performance will be at least equal to or better than that given in the original FAA Approved Airplane Flight for the Gulfstream American (Grumman) AA-5B airplane.

- END -

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*